Quick Guide Operating Instructions
for the Topcon TPL-4 Series Pipe Laser

Setting Grade

- Push the green ‘on’ button (see picture A). The display will illuminate.
- Push the ‘set’ button (see picture B). The grade display + sight will flash.
- Using the grade up & down arrowed buttons (see picture C), select + positive or - negative grade.
- Using the left & right arrowed buttons (see picture D), scroll across until the desired grade input counter is flashing.
- Using the grade up & down arrowed buttons (see picture C), input the required number and repeat the procedure until the desired grade has been inputted.
- Press the ‘set’ button (see picture B) and the laser beam spot will go to the inputted grade. (Please note, if you do not press the set button the laser will automatically input the grade after 5 seconds).
- To zero the grade counters, hold down both the up & down arrowed buttons (see picture E).

Picture A

Picture B

Picture C

Picture D

Picture E

For further information call Head Office on 01635 567053
www.topcon.co.uk

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Setting Target & Laser Legs to Suit Pipe Size

For 150mm Pipes:

- Adjust the target panel to 150mm setting (see picture F).
- Attach 150mm short legs to laser (see picture G).
- When the laser and target are put into 150mm pipe, both the laser spot and the target cross will be set at the centre of the pipe.

Picture F

Picture G

For All Larger Pipes

- Adjust target panel to 200mm setting (see picture H).
- Attach 200mm legs to laser (see picture J).
- When laser and target are put into larger pipes, the laser spot will reference on the target cross hairs (not the centre of the pipe) (see picture K). This is because the spread of the legs on the laser and the target are the same, and the height of the laser beam and the cross hairs are the same.

Picture H

Picture J

Picture K

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*Setting Line to Next Manhole Using **Smartline** feature*
AFTER YOU HAVE:
Set Target, Attached Legs to Laser, Inputted Grade into Laser.

- Put the target in the last pipe laid, with the silver strips facing the laser (see picture L).

Picture L

- Put the laser in the first pipe laid, and push the green ‘on’ button (see picture M).

- Push the button showing the target symbol on either the laser or the remote control (see pictures N & P).

Picture M

- A symbol of the target will appear on the laser display (see picture Q).

- After a short wait the laser beam will scan, searching for the centre of the target. It will stop searching once the centre has been found.

Picture N

- Please note, the TP-L4B model does not have Smartline feature. This operation has to be done by pushing the left or right arrowed buttons on the laser or the remote control.

Picture P

- If both buttons are held down together, the laser spot will go to the centre of the line range.

Picture Q